CLAIMS

1. Method for filling and sealing of an envelope according to figure 1 which method consists of the following steps:
   a) supplying of an envelope (1), where appropriate equipped with address indication or similar printed on it, consisting of two sheets which along at least one first part of its periphery (5) are integral with or joined together, as an example the sheets are connected to each other along a folding line which folding line divides one sheet into two sheets, and which first part of the periphery of the sheets constitutes a first part of the periphery of the envelope and at the same the sheets at least at a second part of their periphery are separated from each other and thus the envelope along the second part of the periphery of the sheets is open and thus the sheets have edges overlapping each other along this second part of the periphery of sheets thus forming the second part of the periphery of the envelope,
   b) separation of the edges of the sheets along at least some part of this second part of the periphery of the envelope thus widening an opening in the area for the second part of the periphery of the envelope,
   c) insert of an object (6) through the widened opening thus enabling the object to get into the envelope,
   d) embossing the overlapping edges of the sheets (3) along the second part of the periphery of the envelope so that the envelope by embossing is sealed along the second part of its periphery.

2. Method according to claim 1, **characterised by** the design of the envelope which is fitted with at least one notch in the second part of the periphery (2) of the envelope so at least one of the sheets in the second part of its periphery has one notch which may be used to facilitate insert of the content into the envelope and also future opening of the sealed envelope.

3. Method to seal an envelope according to figures 2a and 2b which method involves the following operations:

a) supplying of an envelope (7), consisting of two sheets which at least along one part of their periphery are stuck together, for instance along a folding line, a glue joint or by embossing and where one of the sheets is equipped with a foldable flap (8) located in connection to a longitudinal opening in the envelope,

b) insert of an object (6) through the widened opening thus enabling the object to get into the envelope,

c) folding the foldable flap over the longitudinal opening of the envelope so that the flap over at least part of its surface is overlapping both sheets,

d) embossing the flap and the two sheets so that the embossing (3) is joining the flap and the two sheets to each other.

4. A sealed envelope (7) according to claim 3 which envelope is **characterised by** consisting of:

a) one first sheet,

b) one second sheet which second sheet sticks together with and overlaps the first sheet,

c) on the second sheet, a flap which has been folded down over part of the first sheet so that at least a part of the flap is overlapping as well a part of the first sheet as a part of the second sheet and as a result the flap, the first sheet and the second sheet at the sealing of the envelope becomes embossed to each other.

5. Method according to claim 1 **characterised by** the fact that the envelope constitutes a part of a long paper tube according to figure 3a which is material for quite a number of envelopes separated from each other in the longitudinal direction of the paper tube by embossing joints (13) perpendicular to the longitudinal direction of the paper tube and manufactured at the production of the envelopes.

6. Method to position several separate consignments in envelopes according to the method in claim 5 which method contains the following operations:

a) supplying of a number of separate consignments intended to be sent to different addresses when at least one first consignment at wait state for the consignments,

b) supplying of a long, flattened paper tube which paper tube has at least one open side.

7. Method according to claim 6 **characterised by** the case that the consignments may be of different sizes and that, for each consignment, a part of the paper tube is advanced a length corresponding to a dimension of the consignment to be conveyed into this part of the paper tube.

8. Method according to claim 6 **characterised by** the fact that consignments are inserted at an area of the paper tube via an open side (11) of the paper tube perpendicular to the direction of feed of the paper tube.

9. Method according to any of the claims 6-8 **characterised by** the fact that the open side (11) via which a consignment has been entered into a section of the paper tube is sealed by embossing of opposite parts of the paper tube.

10. Method according to claim 5 **characterised by** the fact that the section of the paper tube receiving the first consignment, after the cutting operation, is sealed adjacent to the area where the reminder part of the paper tube after separation of the envelope has been cut.

11. Method according to claim 5 **characterised by** forming the paper tube from two sheets of paper by embossing them together according to figure 4a.

12. Method according to claim 5 **characterised by** forming the paper tube as an overlapping folding of a long sheet of paper which is glued or embossed in the folding according to figure 4b.

13. Method according to claim 5 **characterised by** forming the paper tube by folding a long sheet of paper which then is embossed along its open long side according to figure 4c.

14. Method for positioning of one or several essentially flat objects according to the figures 5a-5c in an envelope which method involves the following operations:

a) supplying of at least one essentially flat object intended to be sent in an envelope,

b) supplying of an envelope larger than the essentially flat object so that the flat object only may take up part of the inner space of the envelope,

c) insertion of the essentially flat object into the envelope and

d) embossing of each other opposite pages of the envelope in an area of the envelope located close to the essentially flat object so that the flat object by that is fastened to a limited area of the envelope,

e) sealing of the envelope.

15. Method according to claim 14 **characterised by** the sealing of the open envelope is performed by embossing.

16. Method according to claim 14 **characterised by** performing a number of embossings in order to limit the position of the flat object in more than one dimension.

17. Method according to claim 14 **characterised by** the positioning of a number of essentially flat objects in the envelope and that each flat object placed in the envelope is secured in its own limited area by embossing.

18. Envelope containing one or more essentially flat objects which envelope has each other opposite pages embossed with each other in at least an area of the envelope situated close into the flat object so that the flat object/objects thus is/are secured into a limited part of the envelope.

19. Envelope according to claim 18 **characterised by** containing a number of essentially flat objects of which at least one flat object is located in one by embossing limited part of the envelope and one or more of the other flat objects are located in other by embossing limited parts of the envelope.

20. Method to produce a document according to figure 7 containing several sheets, e.g. a leaflet which method incorporates the following operations:

a) supplying of a number of sheets with text and/or symbols written on them and

b) embossing of the sheets with each other along one side of the sheets (29) thus forming a continuous document able to browse through.

21. Document containing a number of sheets with text or symbols written on and which sheets are joined to each other along one of its edges **characterised by** the fact that the sheets are joined to each other by embossing.

22. Method to seal envelopes according to figure 8 which method involves the following operations:

a) supplying of an envelope (20),

b) insertion of a consignment into the envelope (6),

c) gluing of the envelope so that the envelope in that way is sealed with a string of glue,

d) embossing of opposite edges of the envelope in the area of the glue seal (31) thus preventing the glue-sealed part of the envelope to be opened without destroying the embossing,

e) securing the seal of the envelope by embossing (32) of the glue seal.

23: Envelope according to claim 22 containing an essentially flat object **characterised by** having as well opposite edges of the envelope (31) as the seal of the envelope (32) embossed in the areas of the glue seals thus preventing opening of the envelope without destroying the embossing.